



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: IECEx UL 15.0125X Issue No: 2 Certificate history:
Status: **Current** Page 1 of 4 Issue No. 2 (2017-03-30)
Date of Issue: **2017-03-30** Issue No. 1 (2016-11-17)
Applicant: **Rockwell Automation/Allen-Bradley** Issue No. 0 (2015-12-17)
1201 South 2nd Street
Milwaukee, WI 53204
United States of America
Equipment: **1756 Series Programmable Controllers**
Optional accessory:
Type of Protection: **Non-sparking "nA"**
Marking: Ex nA IIC T4 Gc

See temperature range in Annex.

Approved for issue on behalf of the IECEx
Certification Body:

Paul T. Kelly

Position:

Principal Engineer - Global Hazardous Locations

Signature:
(for printed version)

Date:

2017-03-30

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

UL LLC
333 Pfingsten Road
Northbrook IL 60062-2096
United States of America



Allen-Bradley



IECEX Certificate of Conformity

Certificate No: IECEx UL 15.0125X

Issue No: 2

Date of Issue: 2017-03-30

Page 2 of 4

Manufacturer: **Rockwell Automation**
1201 South 2nd Street
Milwaukee, WI 53204
United States of America

Additional Manufacturing location(s):

Rockwell Automation 8440 Darrow Road Twinsburg, OH 44087 USA United States of America	Rockwell Automation Monterrey Mfg #1 Camino Vecinal S/N 3051 Parque Industrial Finsa Guadalupe Aeropuerto Guadalupe NL Mexico Mexico	Rockwell Automation/Allen Bradley 1 Allen Bradley Drive Mayfield Heights, OH 44124 USA United States of America	Rockwell Automation do Brasil LTDA Avenida Prefeito Luis Latorre n° 9401 Gleba 2 Galpao 7 Jundiai, SP, Brasil Brazil
--	---	--	--

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2011 Explosive atmospheres - Part 0: General requirements
Edition:6.0

IEC 60079-15 : 2010 Explosive atmospheres - Part 15: Equipment protection by type of protection "n"
Edition:4

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:

[US/UL/ExTR15.0146/02](#)

Quality Assessment Report:

[GB/ITS/QAR14.0009/02](#)

[GB/ITS/QAR14.0010/02](#)

[GB/ITS/QAR14.0011/01](#)

[GB/ITS/QAR15.0002/01](#)

[US/ETL/QAR12.0005/02](#)



IECEX Certificate of Conformity

Certificate No: IECEx UL 15.0125X

Issue No: 2

Date of Issue: 2017-03-30

Page 3 of 4

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

See Annex for Equipment information.

SPECIFIC CONDITIONS OF USE: YES as shown below:

This equipment shall be mounted in an IECEx Zone 2 certified enclosure with a minimum ingress protection rating of at least IP54 (as defined in IEC 60529) and used in an environment of not more than Pollution Degree 2 (as defined in IEC 60664-1) when applied in Zone 2 environments. The enclosure must be accessible only by the use of a tool.

Provision shall be made to prevent the rated voltage from being exceeded by transient disturbances of more than 140% of the rated voltage when applied in Zone 2 environments.

This equipment must be used only with IECEx certified Rockwell Automation backplanes.

Do not disconnect equipment unless power has been removed or the area is known to be non-hazardous.

The instruction in the user manual shall be observed.

Allen-Bradley



IECEX Certificate of Conformity

Certificate No: IECEx UL 15.0125X

Issue No: 2

Date of Issue: 2017-03-30

Page 4 of 4

DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

Issue 1: Consolidation of certification drawings and additional manufacturing locations added.

Issue 2: Update to module descriptions and QAR.

Annex:

[Annex to IECEx UL 15.0125X Issue 2.pdf](#)

Catalog Number Note 1	Series	Description	Ratings	Operating Temperature
1756-L71S	B	The LOGIX5572 SAFETY CONTROLLER WITH 2MB MEMORY. It is utilized along with the 1756-L7SP Safety Partner module as the system processor in control systems that are designed to provide SIL 3/CAT 4 level of functional safety.	Backplane: 800mA @ 5.1Vdc, 5 mA @ 1.2V dc	0 °C < Ta < 60 °C
1756-L72S	B	The LOGIX5572 SAFETY CONTROLLER WITH 4MB MEMORY. It is utilized along with the 1756-L7SP Safety Partner module as the system processor in control systems that are designed to provide SIL 3/CAT 4 level of functional safety.	Backplane: 800mA @ 5.1Vdc, 5 mA @ 1.2V dc	0 °C < Ta < 60 °C
1756-L73S	B	The LOGIX5572 SAFETY CONTROLLER WITH 8MB MEMORY. It is utilized along with the 1756-L7SP Safety Partner module as the system processor in control systems that are designed to provide SIL 3/CAT 4 level of functional safety.	Backplane: 800mA @ 5.1Vdc, 5 mA @ 1.2V dc	0 °C < Ta < 60 °C
1756-L73SXT	B	The LOGIX5572 SAFETY CONTROLLER WITH 8MB MEMORY. It is utilized along with the 1756-L7SPXT Safety Partner module as the system processor in control systems that are designed to provide SIL 3/CAT 4 level of functional safety.	Backplane: 800mA @ 5.1Vdc, 5 mA @ 1.2V dc	-25 °C < Ta < 70 °C
1756-L7SP	B	The LOGIX557x Safety Partner is a coprocessor that provides an isolated second channel (redundancy) for safety-related functions in the system. The safety partner does not have a keyswitch or communication port. Its configuration and operation are controlled by the primary controller	Backplane: 800mA @ 5.1Vdc, 5 mA @ 1.2V dc	0 °C < Ta < 60 °C
1756-L7SPXT	B	The LOGIX557x Safety Partner is a coprocessor that provides an isolated second channel (redundancy) for safety-related functions in the system. The safety partner does not have a keyswitch or communication port. Its configuration and operation are controlled by the primary controller.	Backplane: 800mA @ 5.1Vdc, 5 mA @ 1.2V dc	-25 °C < Ta < 70 °C
1756-SPESMNRM	B	The Energy Storage Module is a modular energy storage device to save the state of the controller at loss of power.	330mA @ 5.1V dc	0 °C < Ta < 60 °C
1756-SPESMNRMXT	B	The Energy Storage Module is a modular energy storage device to save the state of the controller at loss of power.	330mA @ 5.1V dc	-25 °C < Ta < 70 °C
1756-SPESMNSE	B	The Energy Storage Module is a modular energy storage device to save the state of the controller at loss of power. This ESM does not have WallClockTime backup power.	300mA @ 5.1V dc	0 °C < Ta < 60 °C
1756-SPESMNSEXT	B	The Energy Storage Module is a modular energy storage device to save the state of the controller at loss of power. This ESM does not have WallClockTime backup power.	300mA @ 5.1V dc	-25 °C < Ta < 70 °C

Note: Catalog Numbers may be followed by letter 'K' to indicate conformal coating.